

Fig. 1

Title: METHOD AND APPARATUS FOR PROVIDING
GENERALIZED WRITE PRE-COMPENSATION

Applicants: Musunga, et al.

Docket: HSJ920030197US1/HITG.060PA

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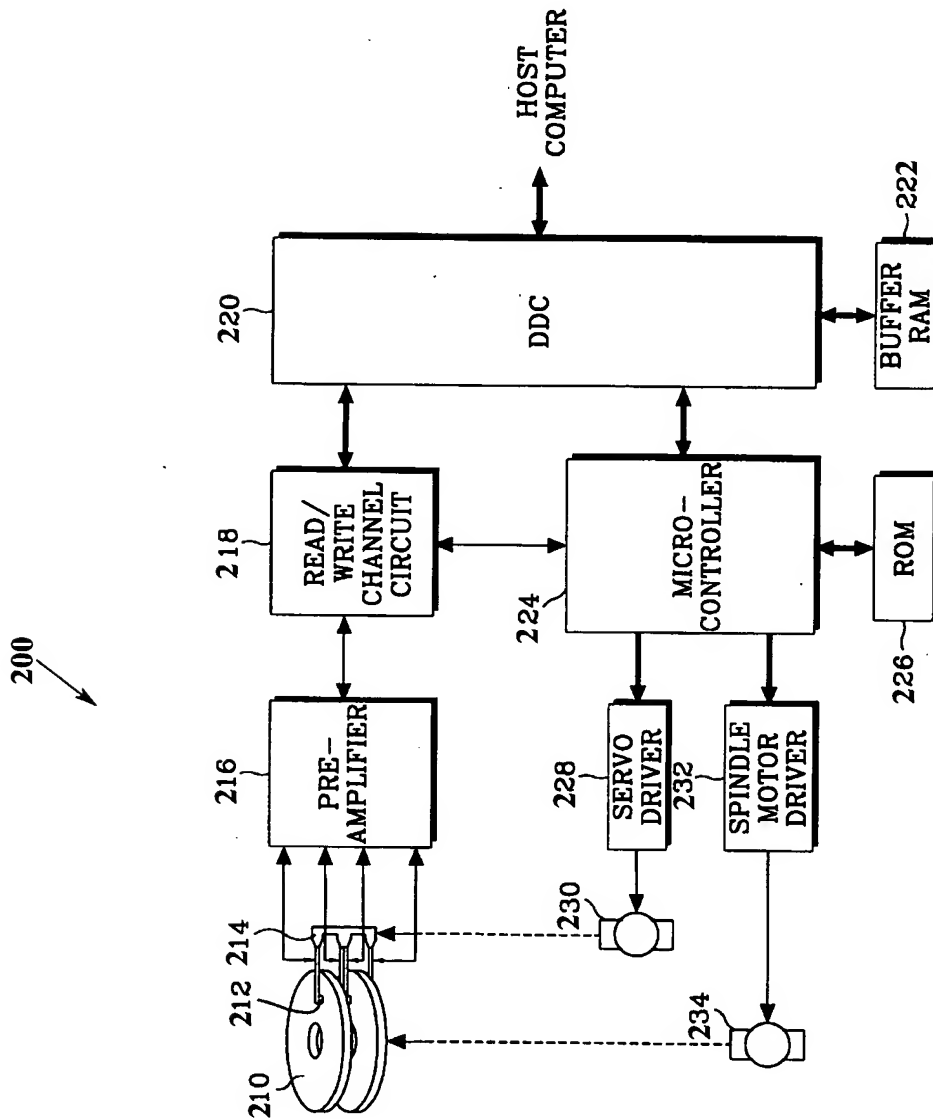


FIG. 2

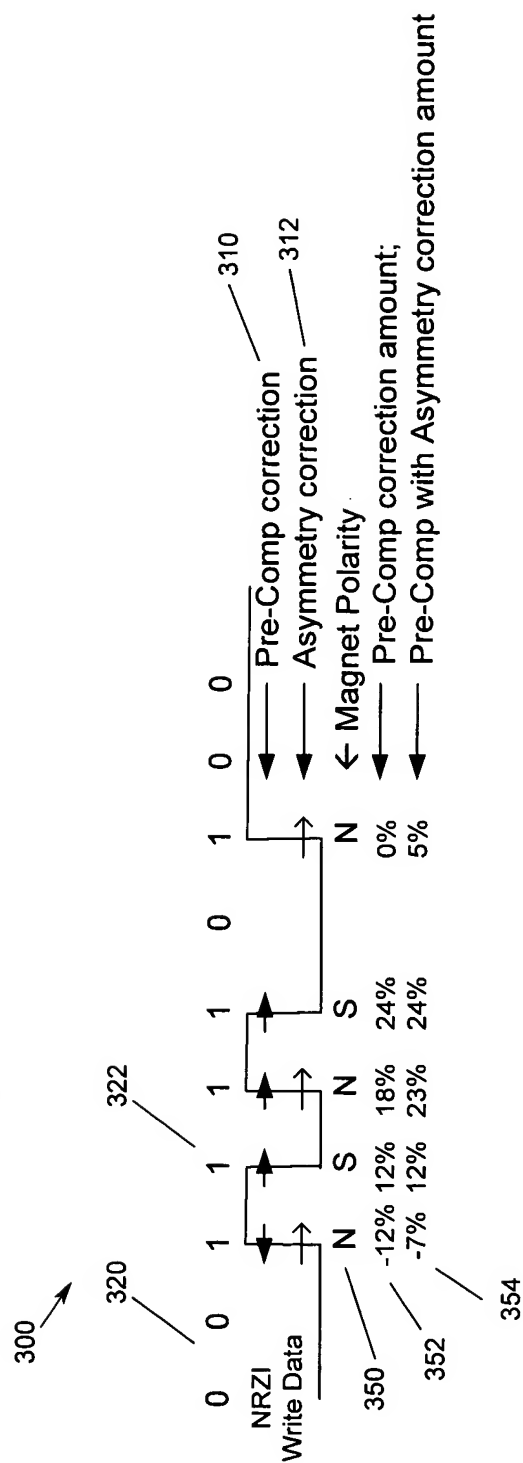


Fig. 3

400 →

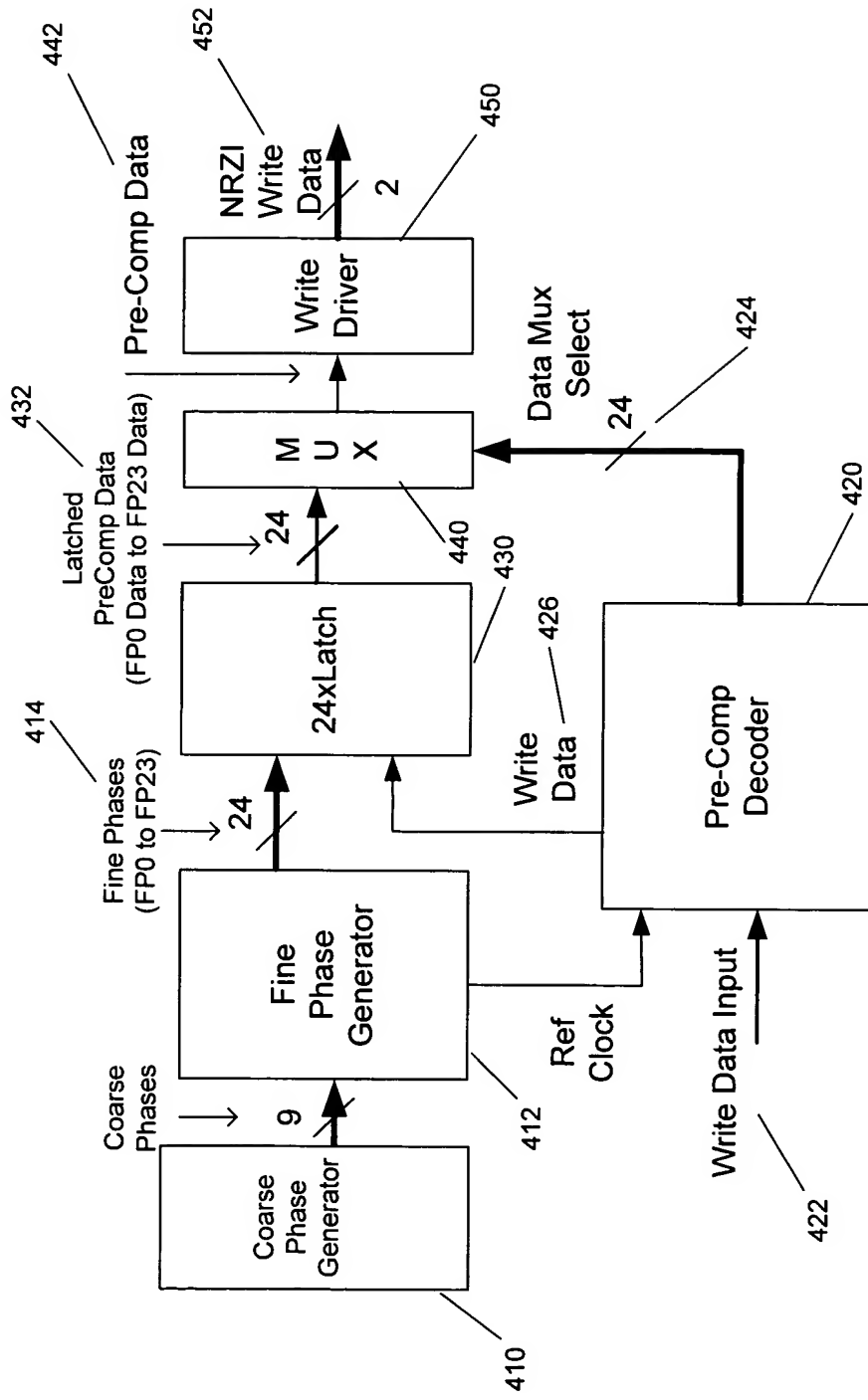


Fig. 4

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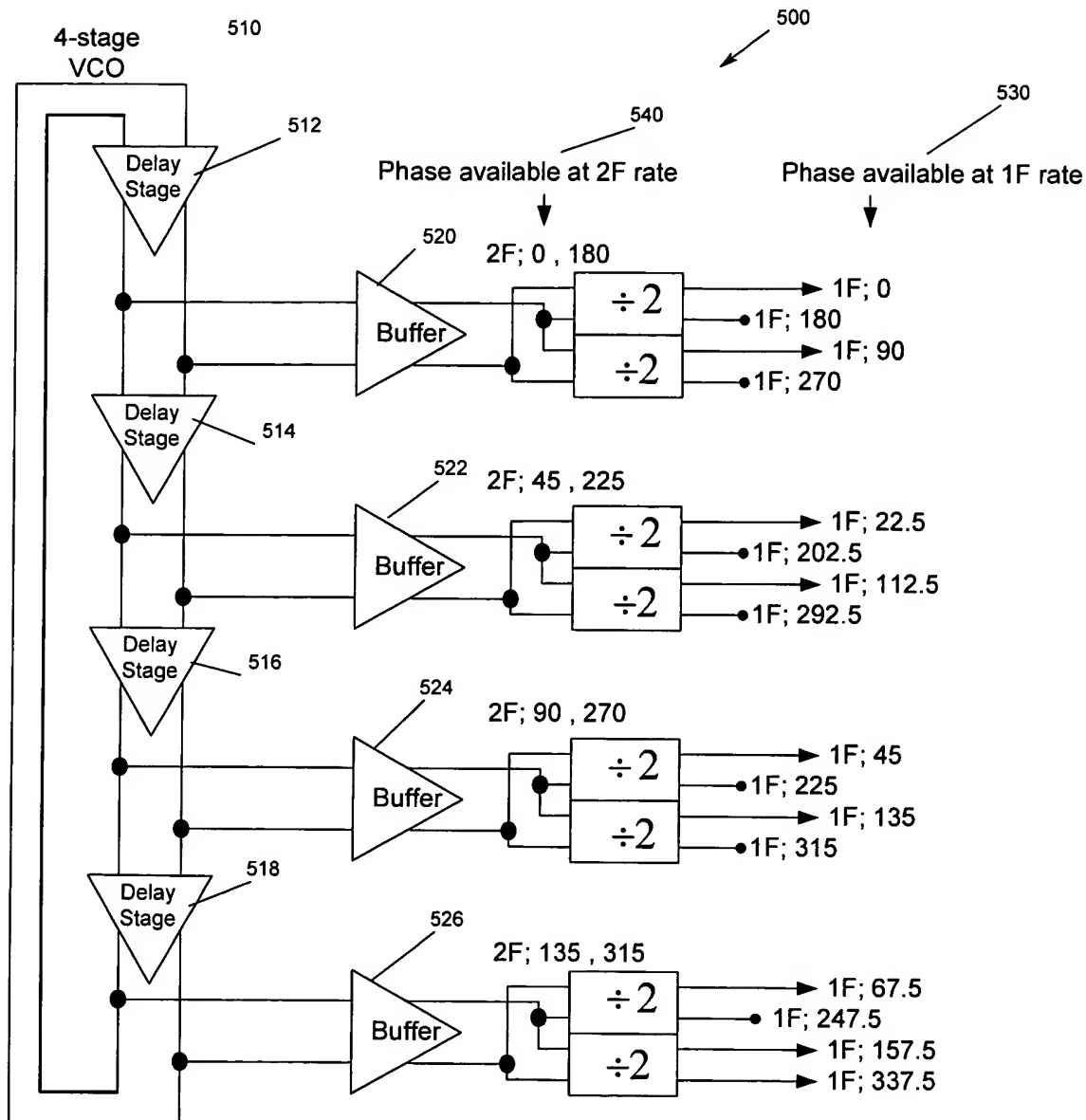


Fig. 5

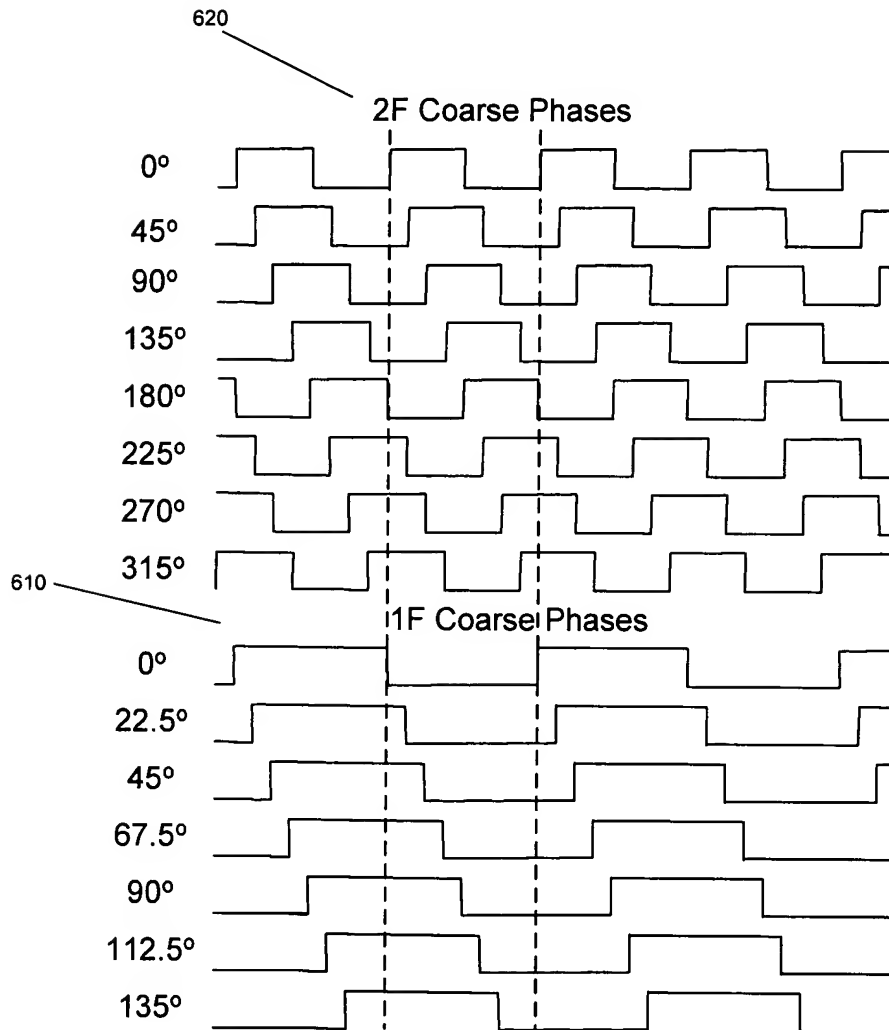


Fig. 6

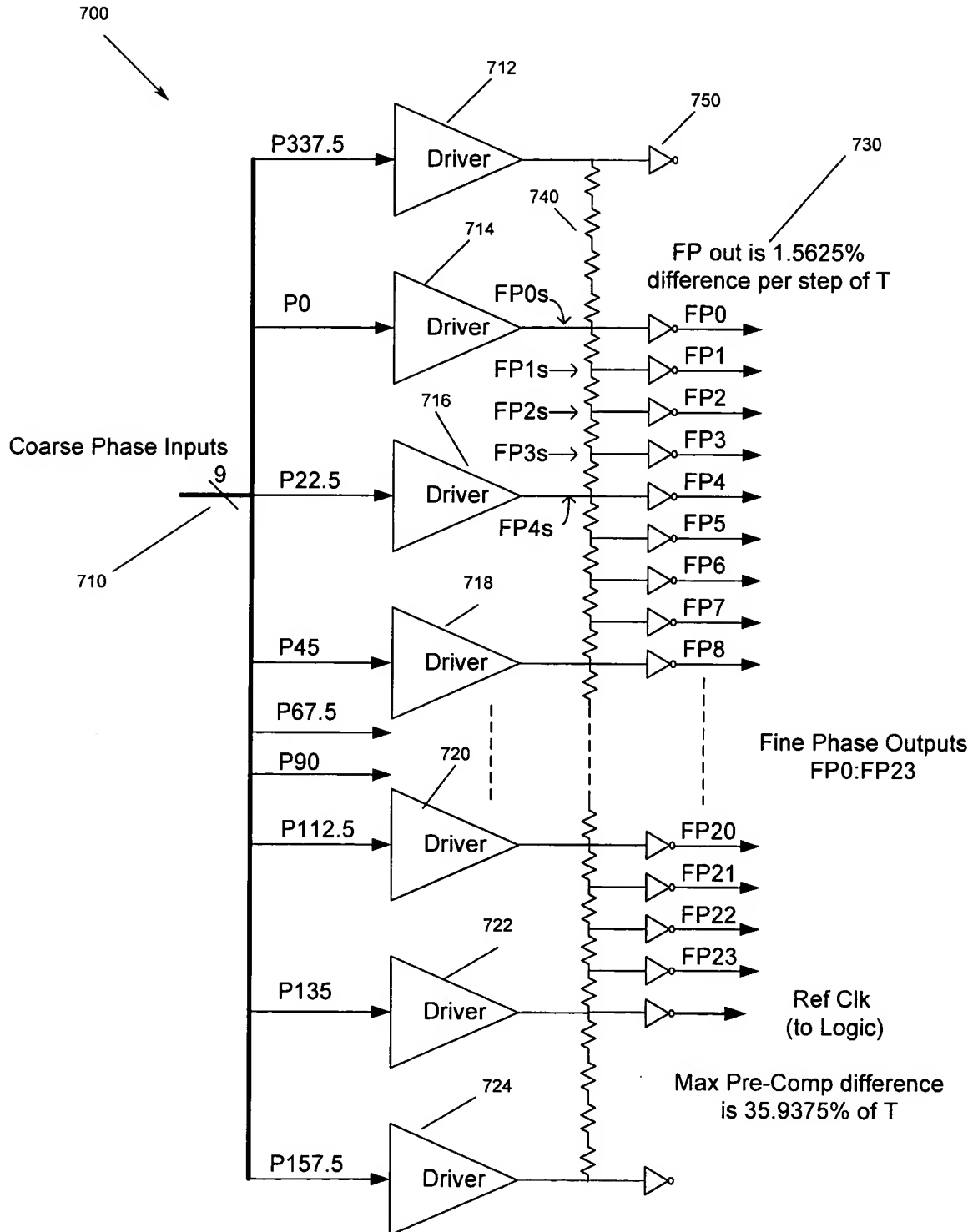


Fig. 7

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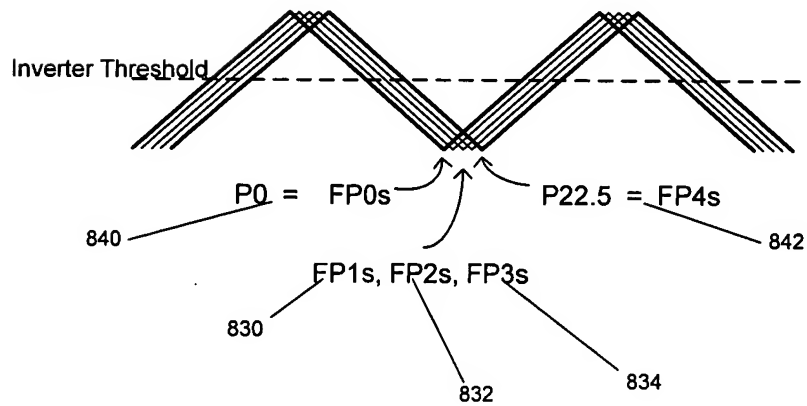


Fig. 8

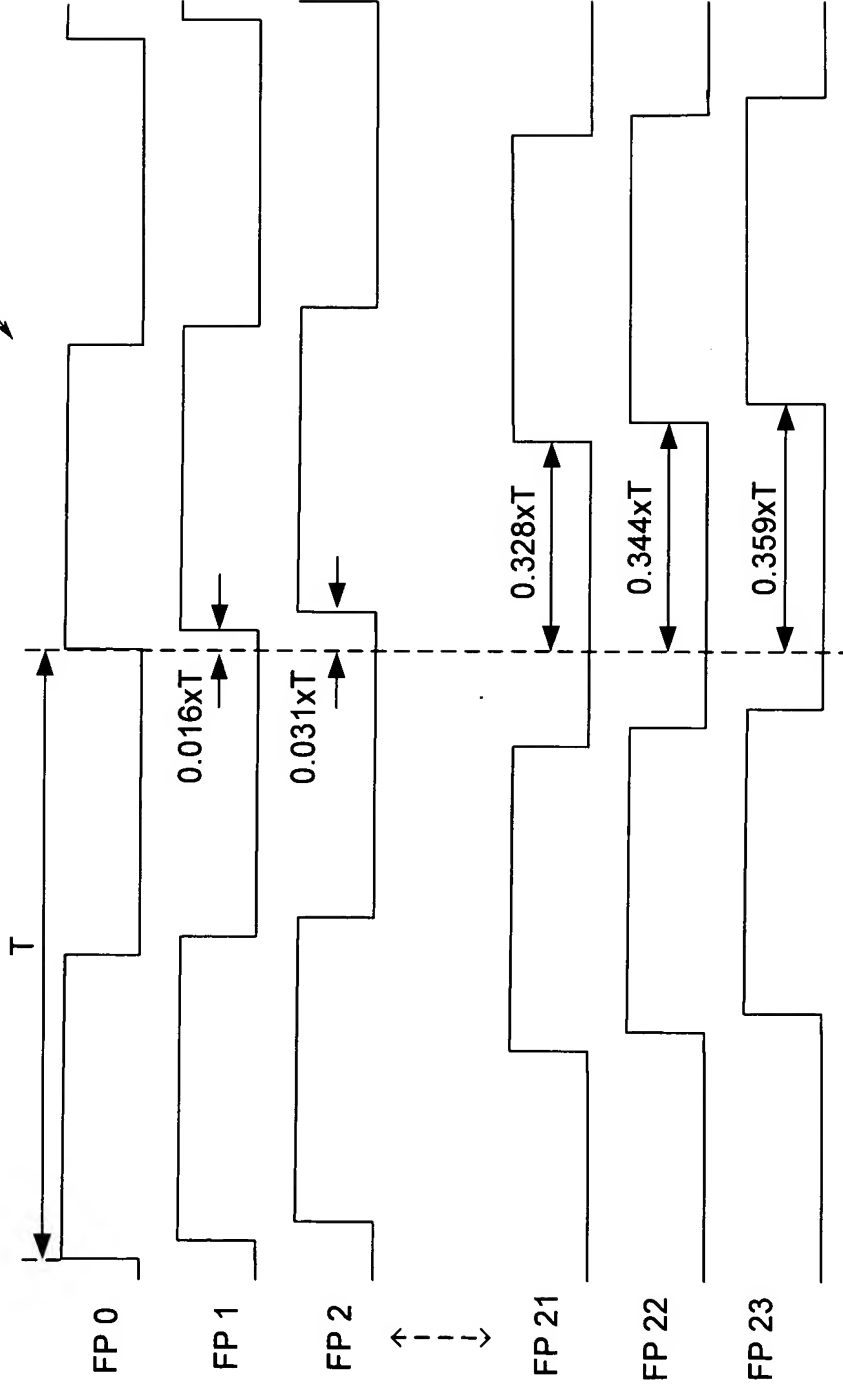
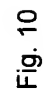


Fig. 9



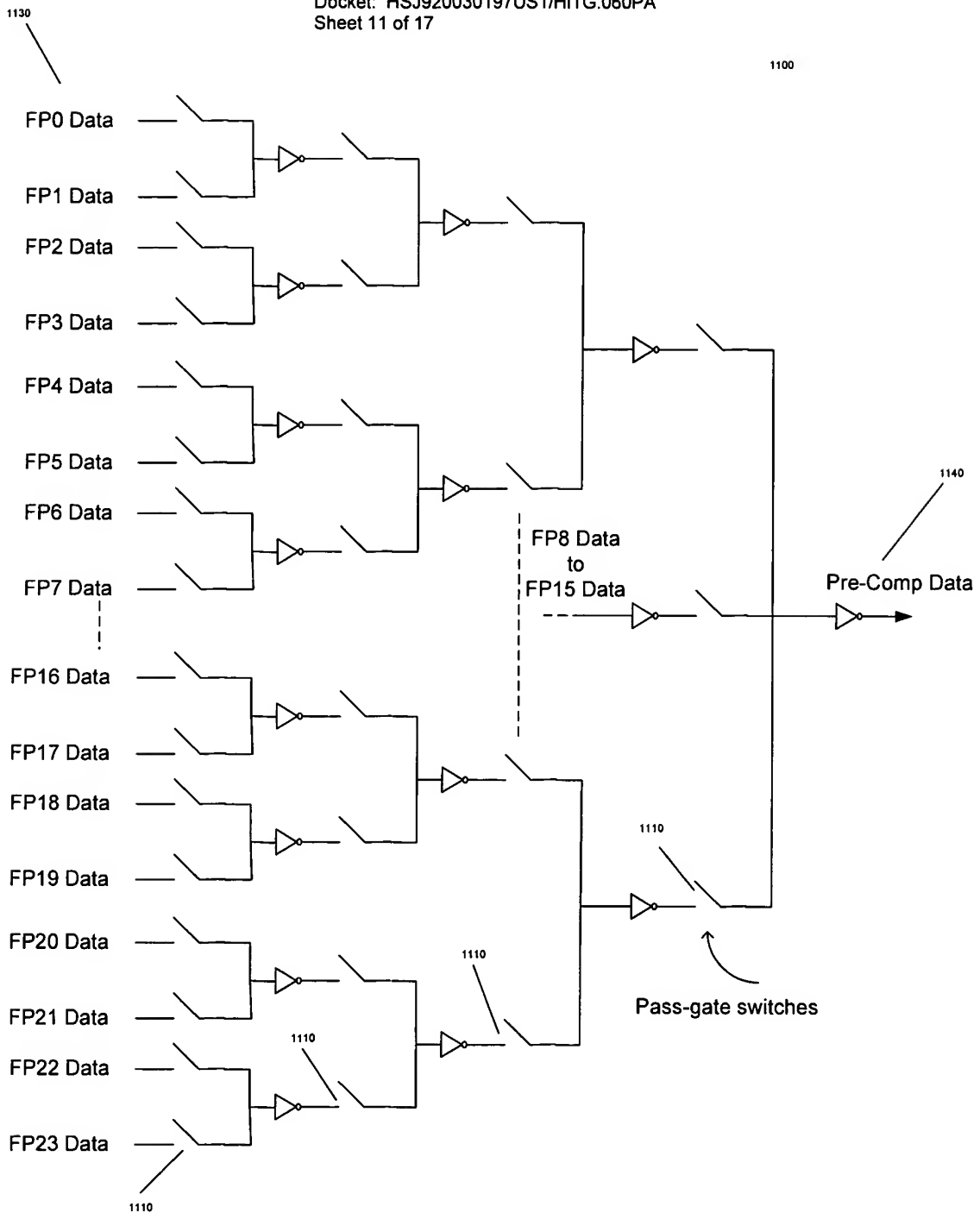


Fig. 11

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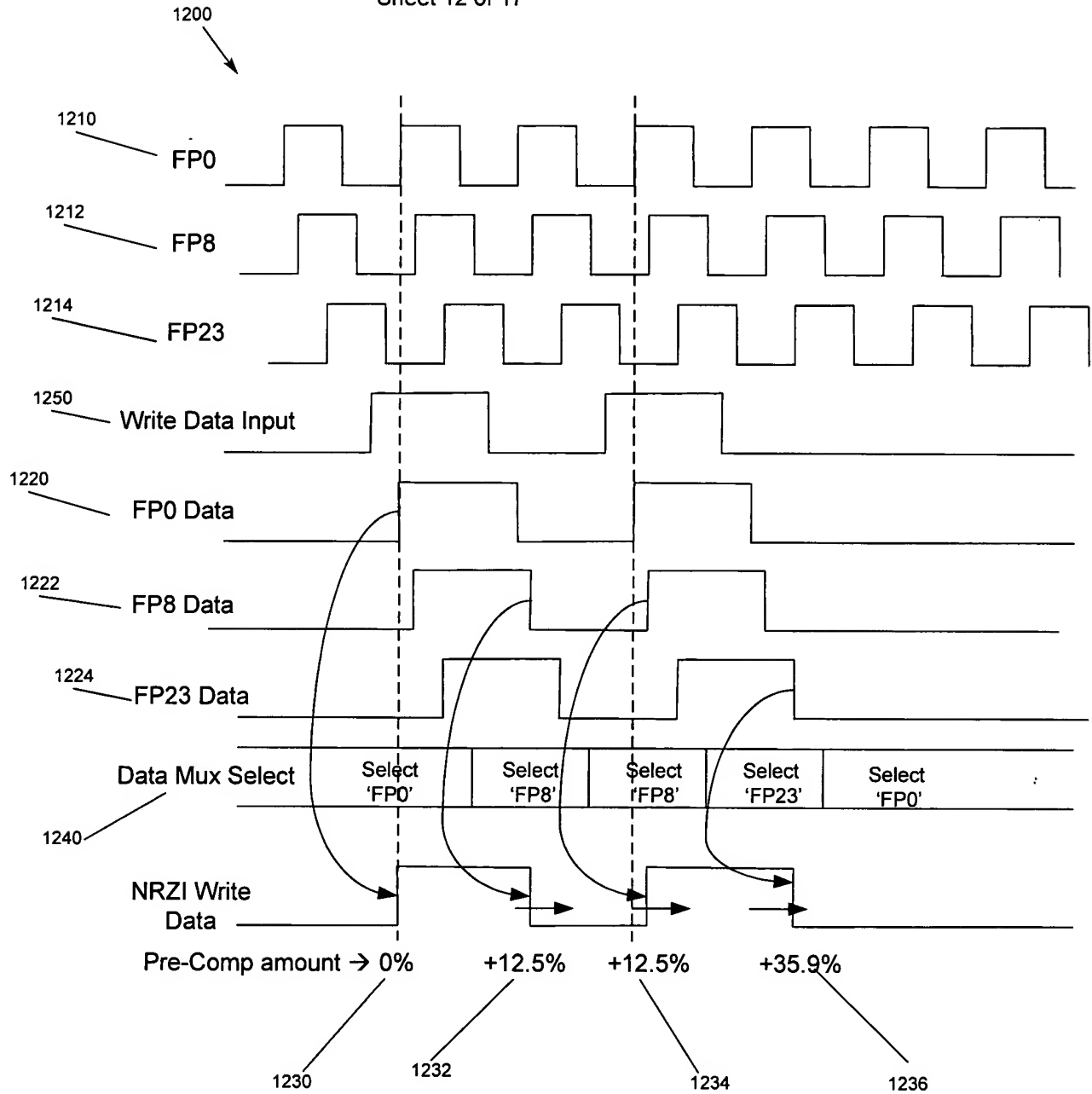


Fig. 12

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1300				
NRZI Data	PreComp State	Customer Setting	Decoder Select	
0 <u>1</u> 0	0	0%	FP8	
0 <u>1</u> 1	1	-12.5%	FP0	1330
1 <u>1</u> 0	2	+23.4%	FP23	
1 <u>1</u> 1	3	+12.5%	FP16	

1312

1310

1314

1320

Fig. 13

1400

NRZI Data	PreComp State	Customer Setting	Decoder Select
0 0 <u>1</u> 0	0	0%	FP8
0 0 <u>1</u> 1	1	-12.5%	FP0
0 1 <u>1</u> 0	2	+23.4%	FP23
0 1 <u>1</u> 1	3	+12.5%	FP16
1 0 <u>1</u> 0	4	+3.1%	FP10
1 0 <u>1</u> 1	5	+12.5%	FP16
1 1 <u>1</u> 0	6	+18.8%	FP20
1 1 <u>1</u> 1	7	+12.5%	FP16

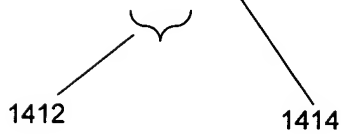


Fig. 14

1500

NRZI Data	PreComp State	Customer Setting	Decoder Select
0 0 <u>1</u> 0 0	0	-12.5%	FP0
0 0 <u>1</u> 0 1	1	-9.4%	FP2
1 1 <u>1</u> 1 0	15	+23.4%	FP23
1 1 <u>1</u> 1 1	16	+12.5%	FP16

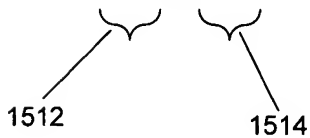


Fig. 15

1600

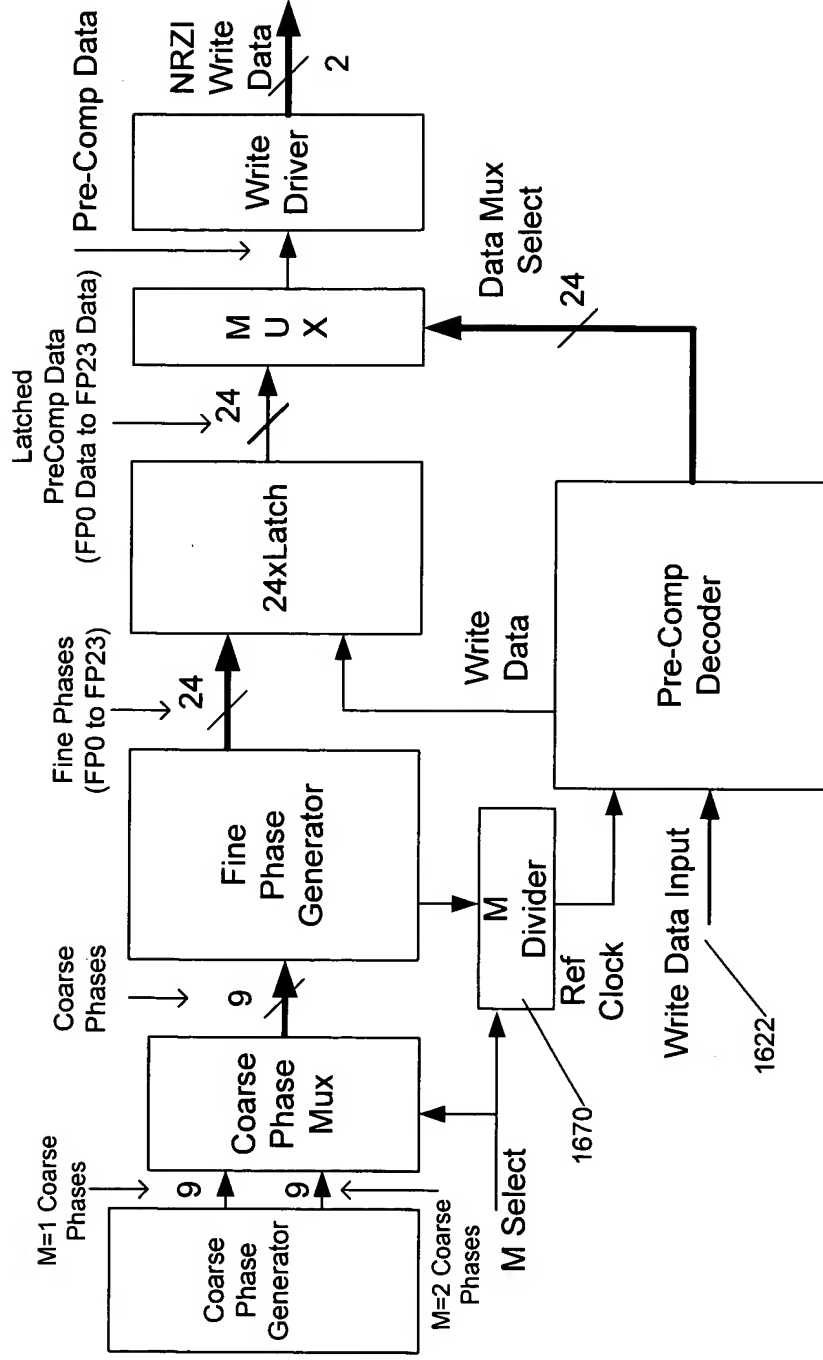


Fig. 16

1700

Coarse Phase	
Select@	
1710 M=1	1712 M=2
0°	0°
22.5°	45°
45°	90°
67.5°	135°
90°	180°
112°	225°
135°	270°

Fig. 17

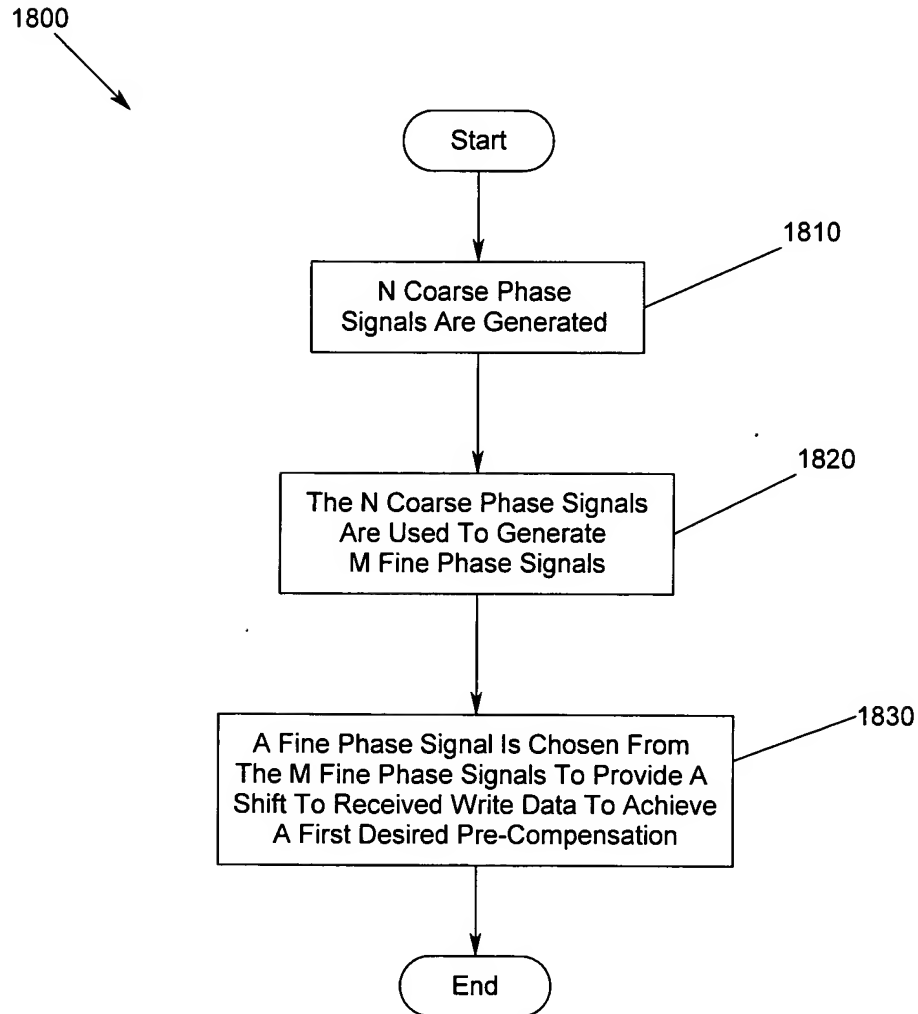


Fig. 18